

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A mobile activity status tracker, comprising:
a database relating to individual wireless device subscribers;
a communications channel to allow entry of data into said database
via a signaling transfer point; and

a TCP/IP communications channel for communicating information
contained in said database to ~~an~~ at least one application server ~~external entity~~
over at least one of an Internet and an Intranet.

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2. (original) The mobile activity status tracker according to claim 1,
wherein:
said communications channel utilizes a TCP/IP communications
protocol.

3. (original) The mobile activity status tracker according to claim 1,
wherein:
said communications channel utilizes a Signaling System #7
communications protocol.

4. (original) The mobile activity status tracker according to claim 3,
wherein:
said communications channel conforms to an IS-41 standard.

5. (original) The mobile activity status tracker according to claim 1,
wherein:
said data entered into said database is previously forwarded by a
Home Location Register.

6. (currently amended) The mobile activity status tracker according to claim 5, wherein:

said Home Location Register is one of a stand-alone Home Location Register and an Integrated Home Location Register (IHLR).

7. (original) The mobile activity status tracker according to claim 6, wherein:

As said Home Location Register is integrated with a message servicing center on a common platform.

8. (original) The mobile activity status tracker according to claim 1, wherein:

said mobile activity status tracker is external to a Home Location Register servicing said individual wireless device subscribers

9. (original) The mobile activity status tracker according to claim 8, wherein:

said mobile activity status tracker communicates with said Home Location Register servicing said individual wireless device subscribers using a Signaling System #7 protocol.

10. (original) The mobile activity status tracker according to claim 9, wherein:

said mobile activity status tracker communicates with said Home Location Register servicing said individual wireless device subscribers using an IS-41 protocol.

11. (original) The mobile activity status tracker according to claim 1, wherein:

said mobile activity status tracker is adapted to compare a temporary record with entries in said database to determine any changes in activity status relating to a relevant wireless device and overwrite an existing record with said temporary record if a change in activity status is determined.

12. (original) The mobile activity status tracker according to claim 11, wherein:

said mobile activity status tracker is further adapted to forward relevant information relating to said determined changes in activity status to at least one relevant application server.

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13. (currently amended) A method of providing a database of presence or location information regarding wireless system subscribers, comprising:

forwarding a registration notification message from a Home Location Register to a mobile activity status tracker; and

transmitting at least one of presence and location information relating to at least one wireless system subscriber to ~~an~~ at least one application server via at least one of an Internet and an Intranet.

14. (currently amended) The method of providing a database of presence and location information regarding wireless system subscribers according to claim 13, further comprising:

comparing a temporary record with entries in said database to determine any changes in activity status relating to a relevant wireless device; and

at least one of overwriting an existing record with said temporary record if a change in activity status is determined, and keeping a log of at least one of history of activity and registration for at least one wireless subscriber.

15. (original) The method of providing a database of presence and location information regarding wireless system subscribers according to claim 14, wherein:

said registration notification message is forwarded through a signaling transfer point between said Home Location Register and said mobile activity status tracker.

Al 16. (original) The method of providing a database of presence and location information regarding wireless system subscribers according to claim 14, wherein:

said registration notification message is signaling system #7 and IS-41 compliant.

17. (original) The method of providing a database of presence and location information regarding wireless system subscribers according to claim 16, wherein:

said registration notification message is IS-41 compliant.

18. (currently amended) The method of providing a database of presence and location information regarding wireless system subscribers according to claim 14, wherein:

said Home Location Register is one of a stand-alone Home Location Register and an Integrated Home Location Register (IHLR).

19. (currently amended) Apparatus for providing a database of presence and location information regarding wireless system subscribers, comprising:

means for forwarding a registration notification message from a Home Location Register to a mobile activity status tracker; and

means for transmitting at least one of presence and location information relating to at least one wireless system subscriber to ~~an~~ at least one application server via at least one of an Internet and an Intranet.

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20. (currently amended) The apparatus for providing a database of presence and location information regarding wireless system subscribers according to claim 19, further comprising:

means for comparing a temporary record with entries in said database to determine any changes in activity status relating to a relevant wireless device; and

at least one of means for overwriting an existing record with said temporary record if a change in activity status is determined, and means for keeping a log of at least one of history of activity and registration for at least one wireless subscriber.

21. (original) The apparatus for providing a database of presence and location information regarding wireless system subscribers according to claim 20, wherein:

said means for forwarding forwards said registration notification message through a signaling transfer point between said Home Location Register and said mobile activity status tracker.

22. (original) The apparatus for providing a database of presence and location information regarding wireless system subscribers according to claim 20, wherein:

said registration notification message is signaling system #7 compliant.

23. (original) The apparatus for providing a database of presence and location information regarding wireless system subscribers according to claim 22, wherein:

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said registration notification message is IS-41 compliant.

24. (currently amended) The apparatus for providing a database of presence and location information regarding wireless system subscribers according to claim 20, wherein:

said Home Location Register is one of a stand-alone Home Location Register and an Integrated Home Location Register (IHLR).

25. (currently amended) Apparatus for providing a database of presence and location information regarding wireless system subscribers, comprising:

means for copying and forwarding to a mobile activity status tracker a registration notification message sent to a Home Location Register; and

means for transmitting at least one of presence and location information relating to at least one wireless system subscriber to ~~an~~ at least one application server via at least one of an Internet and an Intranet.

26. (currently amended) The apparatus for providing a database of presence and location information regarding wireless system subscribers according to claim 25, further comprising:

means for comparing a temporary record with entries in said database to determine any changes in activity status relating to a relevant wireless device; and

at least one of means for overwriting an existing record with said temporary record if a change in activity status is determined, and means for keeping a log of at least one of history of activity and registration for at least one wireless subscriber.

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27. (original) The apparatus for providing a database of presence and location information regarding wireless system subscribers according to claim 26, wherein:

said means for copying and forwarding sends said copied registration notification message over a TCP/IP connection to said mobile activity status tracker.

28. (original) The apparatus for providing a database of presence and location information regarding wireless system subscribers according to claim 26, wherein:

said registration notification message is sent to said Home Location Register using signaling system #7 protocol; and

said means for copying and forwarding sends said copied registration notification message over a TCP/IP connection to said mobile activity status tracker.